

ABSTRACT OF THE DISCLOSURE

According to a method of and apparatus for displaying as  
an autofluorescent-light image emitted from a target subject upon  
the irradiation thereof by a excitation light, even for cases in  
5 which a malfunction of the apparatus occurs that prevents an  
operator from obtaining a desired image, a standard-image is  
displayed so as to enable an operator to safely and expediently  
remove the insertion portion of the endoscope from the body of  
a patient, whereby the safety of the patient can be ensured. When  
10 an irregularity in the temperature of one of the light sources,  
the operation of one of the drive apparatus, or other cause of  
an operational irregularity occurring in of one of the light sources  
is detected by the semiconductor-laser temperature detecting means,  
the reference-light source temperature detecting means, or the  
15 emission-output detecting means, in response to a detection signal  
thereof, the standard-image display mode is switched to  
automatically.